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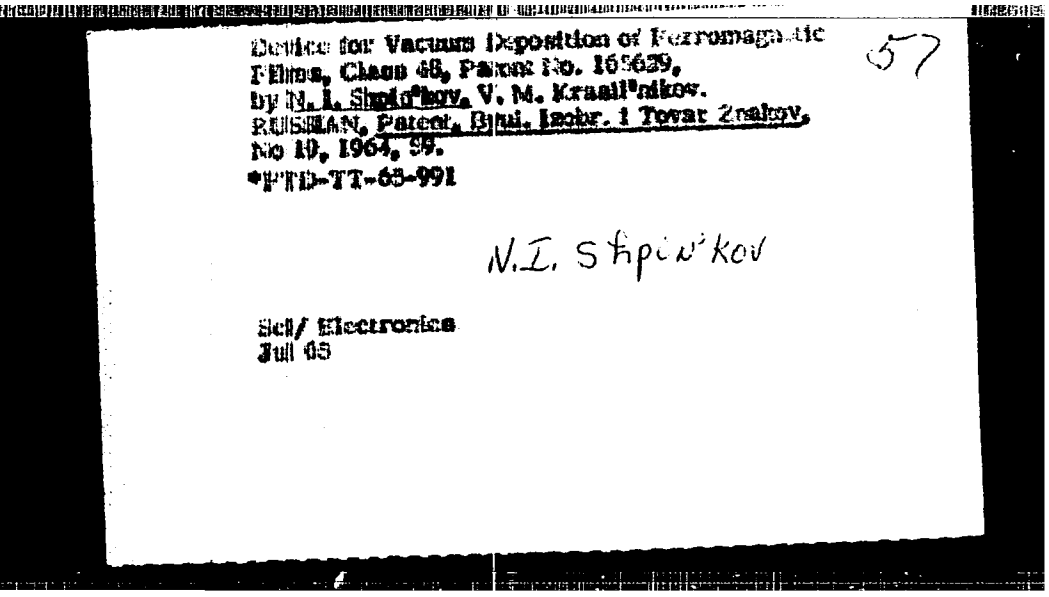

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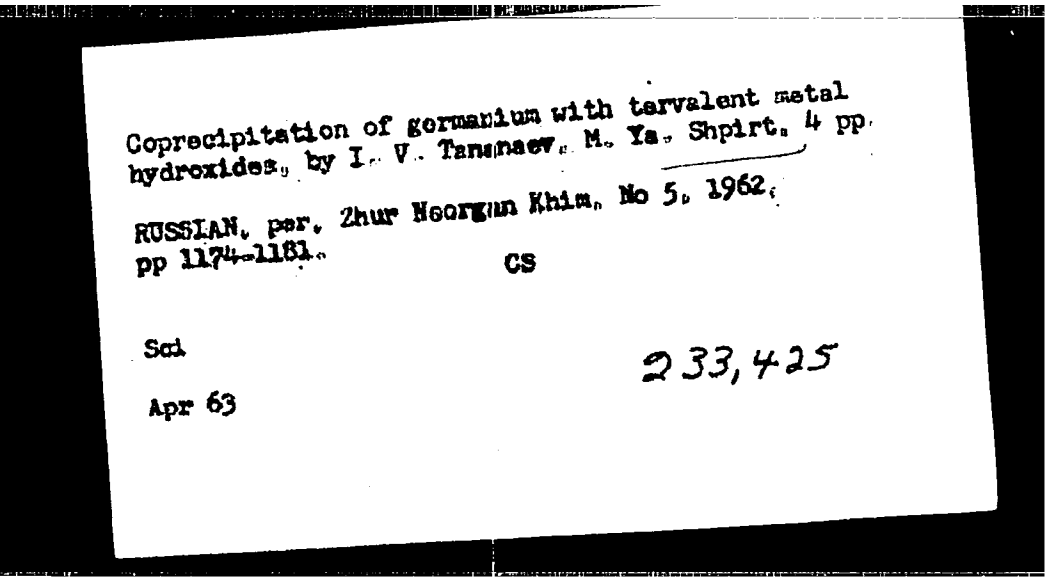

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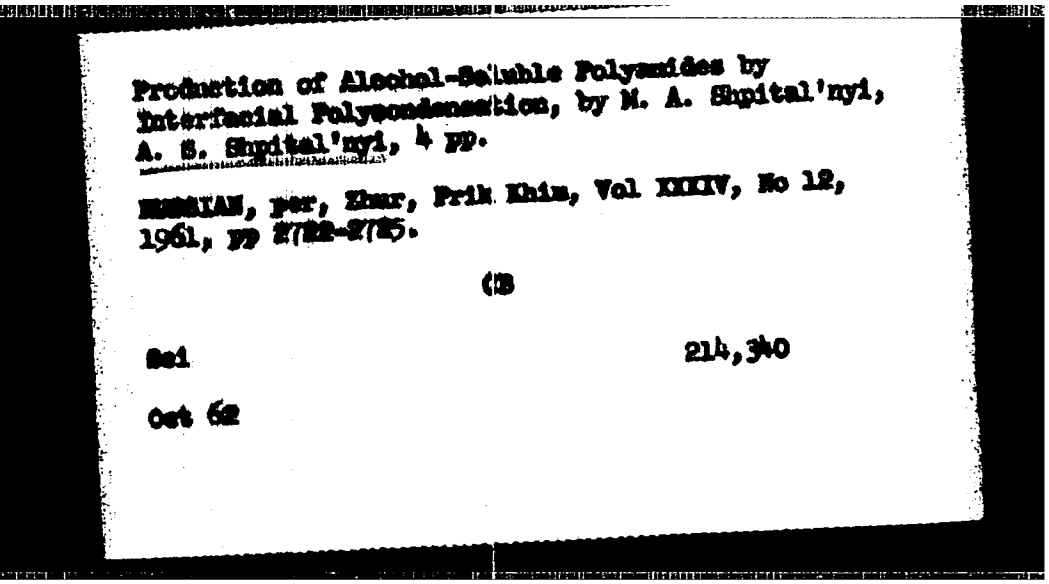

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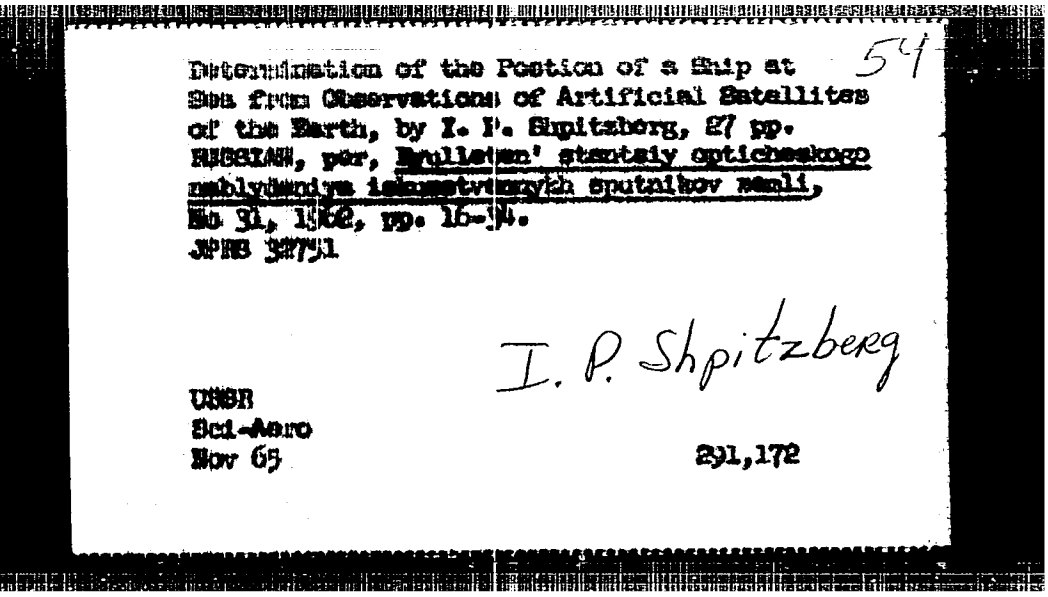

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LUMINESCENCE AND ABSORPTION OF PYRENE AND 3,4-BENZOPYRENE IN FROZEN SOLUTIONS OF NORMAL PARAFFINS. [1961] 24p. 11 refs.
Order from SLA $2.60 61-20484

Trans. of Optika i Spektroskopiya (USSR) 1958, v. 4 [no. 5] p. 620-630.

DESCRIPTORS: *Hydrocarbons, Benzoyl radicals, Solidified gases, Luminescence, Absorption, Spectrographic analysis, Optics, Fluorescence.

The luminescence spectra and the long-wave portion of the absorption spectra of pyrene and 3,4-benzopyrene in solutions of normal paraffinic hydrocarbons from n-pentane to n-decane have been studied at the temperature of liquid nitrogen. It was shown that under these conditions the spectra exhibit a linear fine structure (Physics--Spectroscopy, TT, v. 7, no. 5) (over)

61-20484

I. Shpol'skii, E. V.
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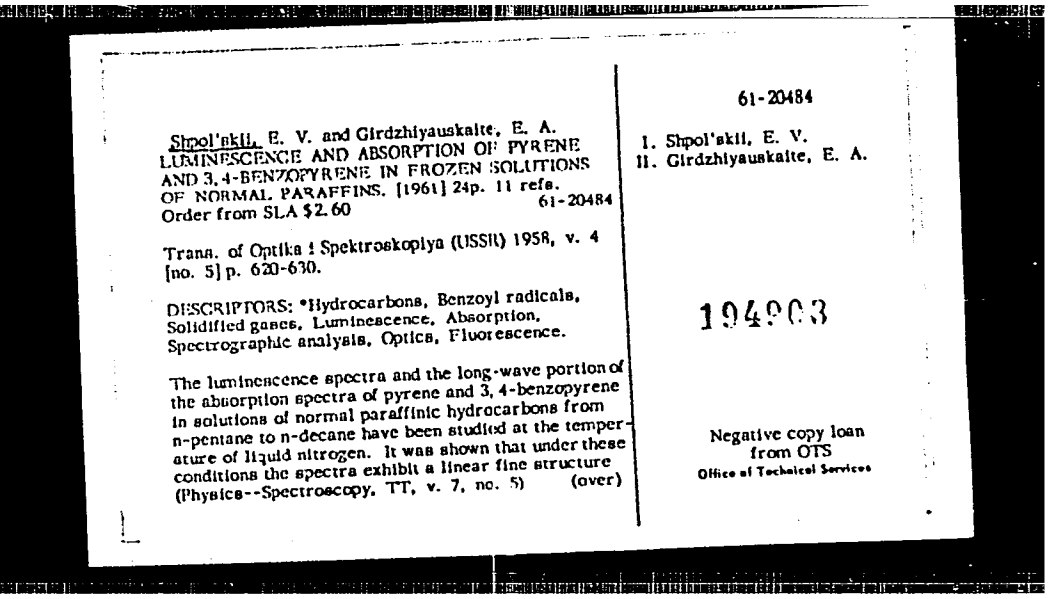

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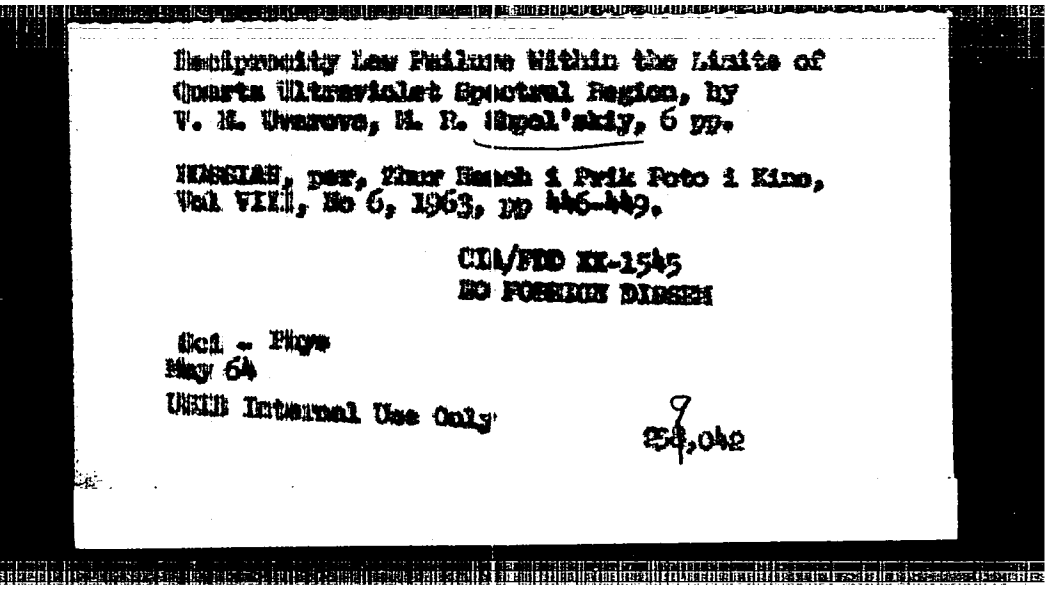

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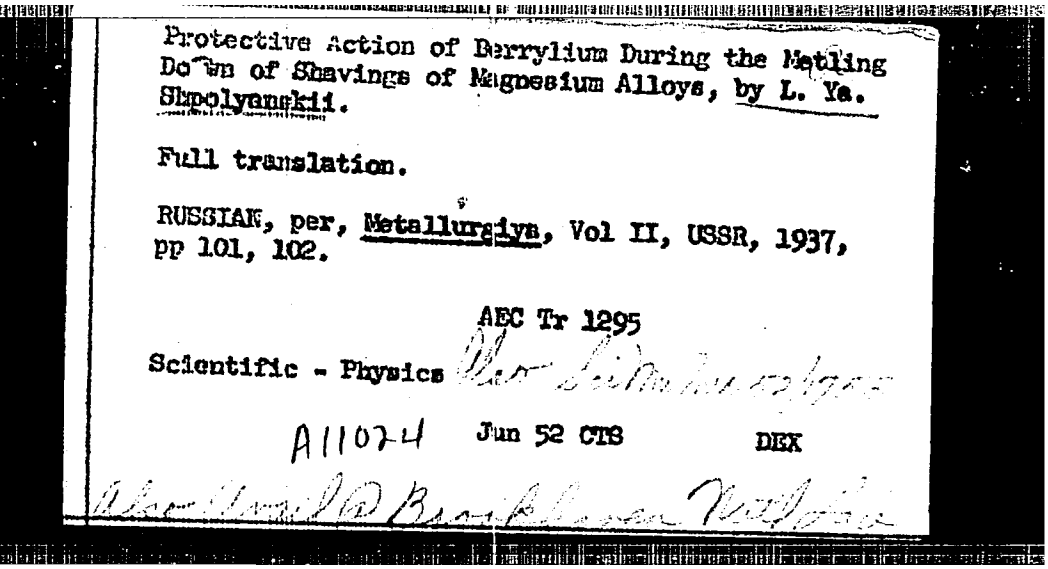

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